

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (previously presented) An apparatus comprising:
a data processing device; *Figs 1a-d*
a first group of control elements and a second group of control elements
integrated directly on said data processing device; *Figs 1a-d* *1st group on left*
(Fig 1, item 14) *2nd on the right*
a display comprising a display area for rendering images generated by
said data processing device, said display coupled to said data processing device
Fig 1a-d
at a pivot point and rotatable around said pivot point from a first position to a
figs 1a-b-c *col 2, lines 31-56*
second position, wherein said display is viewable in both said first position and
(figs 1a-c)
said second position and wherein both said first and second groups of control
elements are exposed when said display is in said second position, and wherein
(Fig 1a)
only said second group of control elements are exposed when said display is in
said first position, *Fig 1b&c*
wherein said first group of control elements are covered by said display
(Fig 1b&c)
when said display is in said first position and said second group of control
elements are not covered by said display when said display is in said first
position; and *(figs 1b-c)*
wherein said second group of control elements comprise a control knob
and a set of control buttons. *Fig 1b, keys & circular knob*

2. (cancelled)

3. (previously presented) The apparatus as in claim 1 wherein said first group of control elements comprise a keyboard. Col 2, lines 31-45

4. (cancelled)

5. (cancelled)

6. (previously presented) The apparatus as in claim 1 wherein said display is inverted when in said second position relative to said first position. Figs 1a-c

7. (previously presented) The apparatus as in claim 6 further comprising:

a switch configured to trigger when said display is rotated from said second position to said first position.

8. (original) The apparatus as in claim 7 further comprising:
image inversion logic to invert images on said display responsive to said switch triggering.

Claims 9-15 (cancelled)

16. (currently amended) An apparatus comprising:
a data processing device having a first group of control elements and a second group of control elements; and
a display having a display area defining a plane, the display rotatably coupled to said data processing device and configured to rotate around an axis

of rotation within said plane from a first position to a second position, said axis of rotation being substantially perpendicular to said plane for at least a portion of said rotation of said display, wherein images displayed on said display are viewable in both said first position and said second position,

wherein said first group of control elements are covered by said display
when said display is in said first position and said second group of control
elements are not covered by said display when said display is in said first
position; and

wherein said first group of control elements comprise a keyboard and said
second group of control elements comprise a control knob and a set of control
buttons.

Claims 17-19 (Cancelled)

*F1
cont*
20. (original) The apparatus as in claim 16 further comprising:
a switch configured to trigger when said display is rotated from said first position to said second position.

21. (original) The apparatus as in claim 20 further comprising:
image inversion logic to invert images on said display responsive to said switch triggering.

103 22. (currently amended) The apparatus as in claim 19 16 wherein said control knob is configured to scroll between items within a list.

*obvious as it is a trackball & is known in the art to be
Configured to scroll.*

103 23. (original) The apparatus as in claim 22 wherein one of said control buttons is configured to select items within said list.

103 24. (original) The apparatus as in claim 23 wherein one of said control buttons is configured to back out of selected items.

✓ 25. (currently amended) The apparatus as in claim 19 16 wherein said control buttons and control knob are user-programmable.

*F
C/N* 26. (previously presented) An apparatus comprising:
a data processing device;
a first group of control elements and a second group of control elements integrated directly on said data processing device; and
a display having a viewable area for viewing images generated by said data processing device, said display cooperatively engaged with said data processing device to move from a first position to a second position, wherein images are viewable within said viewable area when said display is in said first position and said second position,
wherein both said first group of control elements and said second group of control elements are exposed when said display is in said second position, and wherein only said second group of control elements are exposed when said display is in said first position,
wherein said first group of control elements comprises a keyboard and wherein said second group of control elements comprises a control knob.

27. (previously presented) The apparatus as in claim 26 wherein said display is rotatably coupled to said data processing device and configured to rotate within a plane substantially perpendicular to said display's axis of rotation between said first position and said second position.

28. (cancelled)

29. (cancelled)

F /
Concl.

30. (previously presented) The apparatus as in claim 26 wherein said second position is inverted with respect to said first position.

31. (previously presented) The apparatus as in claim 30 wherein images displayed on said display are inverted relative to said display when said display is moved between said first position and said second position.

32. (previously presented) The apparatus as in claim 31 further comprising a switch configured to trigger when said display is rotated from said first position to said second position and image inversion logic to invert images on said display responsive to said switch triggering.

COMMENTS

The enclosed is responsive to the Examiner's Final Office Action mailed on February 24, 2004. Applicants have amended claims 16, 22 and 25 and cancelled claims 17-19. Claims 1, 3, 6-8, 16, 20-27 and 30-32 are pending.

Claims 1,3, 6,16-19, 26,27 and 30 stand rejected under 35 U.S.C. §102(e) as being anticipated by Brandenberg, et al, U.S. Patent No. 6,665,173 (hereinafter "Brandenberg") and Claims 22-25 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Brandenberg.

Applicants respectfully submit that many portions of Brandenberg relied on by the Examiner (i.e., Figs. 4A-F, 5A-D, 6A-C, and 7A-D) of Brandenberg are not prior art to the present invention, because these portions were not originally filed in the provisional application from which Brandenberg claims priority. As a result, these portions of Brandenberg have an effective prior art date of December 20, 2000, more than a month after the filing date of the present application. Enclosed for the convenience of the Examiner is a copy of the provisional application from which Brandenberg claims priority. The only figures included in the provisional application were Figs. 1A-C, Figs. 2A-D and Figs. 3A-C. These figures illustrate a data processing device with a keyboard and an adjustable display. The keyboard is completely covered by the display when the display is in a first position and exposed when the display is in a second position.

Thus, the provisional application of Brandenberg does not disclose or suggest a data processing device having a display, a first group of control

elements (e.g., a keyboard) and a second group of control elements comprising
a control knob and a set of control buttons, wherein the first group of control
elements are covered by the display when the display is in a first position and the
second group of control elements are not covered by the display when the
display is in the first position; and wherein both the first group of control elements
and the second group of control elements are exposed when the display is in a
second position. Neither Brandenberg nor any of the other cited references
disclose these features.